

## AMENDMENTS

This listing of claims replaces all prior versions and listings of claims in the application.

### IN THE CLAIMS

1. **(PREVIOUSLY PRESENTED)** A process for the production of polyurethane di(meth)acrylates in which 1,6-hexane diisocyanate is reacted, without solvent and without subsequent purification operations, with a diol component and in the molar ratio  $x : (x-1) : 2$ , wherein  $x$  means any desired value from 2 to 5 and  
wherein the diol component is selected from the group consisting of combinations of  
20 to 80 mol% hydrogenated bisphenol A with 80 to 20 mol% 1,10-decanediol,  
20 to 80 mol% hydrogenated bisphenol A with 80 to 20 mol% 1,6-hexanediol,  
60 to 90 mol% neopentyl glycol with 40 to 10 mol% 1,6-hexanediol,  
and  
three-component combinations comprising in each case 10 to 50 mol% 1,3-propanediol, 10 to 50 mol% 1,5-pentanediol and 10 to 50 mol% 1,6-hexanediol, wherein the mol percentages add up to 100 mol% in each of the combinations.

2-3. **(CANCELED)**

4. **(ORIGINAL)** Polyurethane di(meth)acrylates produced using the process of claim 1.

5-6. **(CANCELED)**

7 (ORIGINAL) Powder coating compositions containing the polyurethane di(meth)acrylates produced according to the process of claim 1 as binder.

8-9. (CANCELED)

10. (ORIGINAL) A substrate coated with a layer of the powder coating composition according to claim 7.